KOALA
Share the Energy

Green and Energy Sharing Projects

Life2024 proposals

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01

BioRural - Castelfranco in Miscano

Suggested Sub. Programme: Circular economy and quality of life

Castelfranco in Miscano is a small village in the **province of Benevento** with just over 850 inhabitants...

The municipality is renowned for its unique production of **caciocavallo cheese**. This area is characterized by its rich pastoral traditions and high-quality dairy farming, which contribute to the distinct flavor of the cheese.

Caciocavallo from Castelfranco in Miscano is typically crafted from cow's milk, following **traditional methods** that have been passed down through generations; the cheese is noted for its smooth texture and slightly tangy taste, making it a celebrated product in Italian gastronomy.

BioRural - Castelfranco in Miscano

The **BioRural** project aims to establish a virtuous circular economy system that enhances the quality of life in Castelfranco in Miscano.

In fact the project is designed to integrate sustainable practices and modern technology to benefit the local community: by focusing on circular economy principles, it will **leverage local resources to create economic and environmental improvements**.

The planned Interventions are:

1. **Biogas Plant**, utilizing livestock waste to generate renewable energy
2. **Wellness Spa**, offering a wellness center for residents, enhancing local quality of life
3. **Renewable Energy Cooperative**, establishing a cooperative energy community involving local farmers to promote sustainable energy use.

BioRural - Castelfranco in Miscano

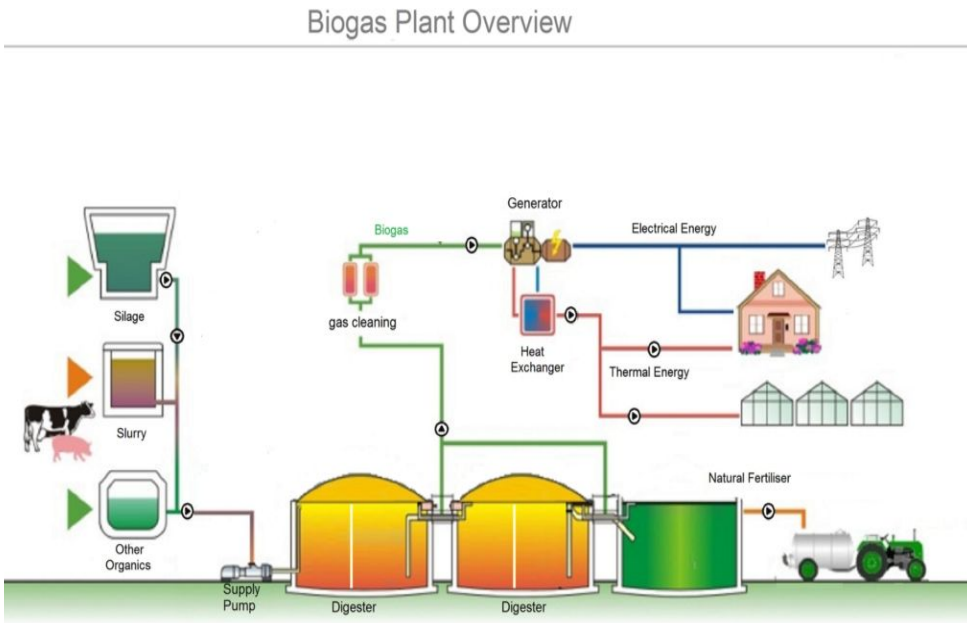
1. Biogas Plant

The project involves **converting livestock waste and dairy waste into biogas** through the use of an anaerobic digester.

The purified biogas will subsequently be used to power an internal combustion engine from which it will be possible to obtain **electricity** (approx. 100 kWh) and **thermal energy** (approx. 200 kWh).

The digester, on the other hand, offers the **digestate** as process "waste". This product can be used as a fertilizer for soil as it is rich in nitrogen, phosphorus and nitrates as well as offering the possibility of restoring some characteristics of the soil to better retain water.

The project involves the involvement of the **University of Sannio** as a technical support partner.



2. Wellness Spa

The project involves the enhancement of **thermal energy** produced by a cogeneration plant, which will be partially used for self-consumption and partially to **power a small thermal center** located near the plant. The thermal energy, which is usually wasted, will be recovered and used to heat the pools and facilities of the thermal center, thus providing an additional service to the community.

This intervention not only improves the energy efficiency of the plant but also promotes personal well-being by creating a place of relaxation and care **accessible to local residents**.

Moreover, the establishment of this new commercial activity in the area will contribute to creating **new jobs** for local citizens and **increase the tourist flow** related to this activity, further **stimulating the local economy.**

3. Renewable Energy Cooperative

The **energy cooperative project** represents an innovative model of integrated management of energy resources and local activities. At the heart of this initiative is the creation of a local energy community, which uses a biomass power plant to produce sustainable energy. The cooperative not only manages the production and distribution of energy, but also handles the sale of digestate, a by-product of the biomass process that can be used as a natural fertilizer, thus contributing to the area's circular economy.

The legal form acts as a single regulator and coordinator, centralizing operations and facilitating collaboration among the various actors involved. This synergistic approach **optimizes resources, reduces operating costs and improves overall system efficiency.** The cooperative promotes the active participation of community members, enabling them to be an integral part of the decision-making process and directly benefit from the economic and environmental outcomes of the project.

In sum, the energy cooperative is not only a step toward energy sustainability, but is also a local economic development model that enhances the area's resources, creates jobs, and promotes community well-being. This integrated project demonstrates how collaboration and centralized management can lead to significant and lasting results.

BioRural - Castelfranco in Miscano

Current Partners

Comune di Castelfranco in Miscano

CIB
CONSORZIO ITALIANO BIOGAS

LEGACOOP

02

Public Industrial Energy Community - San Potito Sannitico

Suggested Sub. Programme: Clean Energy Transition

The municipality of San Potito Sannitico is a small community of 1.934 inhabitants in the **province of Caserta**...

Located at the foot of the **Matese Regional Park**, San Potito Sannitico offers enchanting natural landscapes and a cool climate, making it an ideal destination for nature lovers and hikers...

The municipality has **ancient roots**, with Samnite, Roman and medieval influences.

Public Industrial Energy Community - San Potito Sannitico

The **Public Industrial Energy Community** project aims to redevelop an abandoned commercial area in San Potito Sannitico, transforming it into a modern, sustainable, and economically vibrant space. By focusing on landscape revaluation, building efficiency, and territorial spillovers, the project seeks to create a **dynamic environment that supports local businesses**, **reduces energy costs**, and **attracts new residents and investors**.

The planned Interventions are:

1. **Landscape Revaluation**, revitalizing the abandoned commercial area
2. **Building Efficiency and Renewable Energy**, modernizing existing structures and promoting energy self-sufficiency and environmental sustainability
3. **Territorial Spillovers**, creating new economic and social opportunities

Public Industrial Energy Community - San Potito Sannitico

1. Landscape revaluation

The currently abandoned commercial area represents an important **development opportunity** for the municipality. This area, once a hub of activity and commerce, is now unused and in a state of disrepair, but the potential for its revitalization is enormous. The municipality has recognized the importance of redeveloping this space, not only to **improve urban aesthetics**, but also to **stimulate the local economy** and **offer new services** to citizens.

The redevelopment project involves transforming the area into a **small commercial hub** that will serve as a new center of attraction for the community. The intent is to create a dynamic and welcoming environment where residents can find a variety of stores, restaurants and services. This will not only bring centrality to the area, but will also help improve the quality of life for residents by providing them with more entertainment and shopping opportunities within walking distance of their homes.

Public Industrial Energy Community - San Potito Sannitico

2. Building Efficiency and Renewable Energy

The new commercial hub includes significant upgrades and modernization of existing masonry, transforming the area into a **modern and functional space**. Small rental lots will be created, available to all interested businesses. This approach will encourage a positive economic flow through the rental system, incentivizing the establishment of new stores and services. In addition, a **photovoltaic system** with a nominal capacity of about **1 MWp** will be installed. The energy produced will be made available to businesses in the hub and members of the local energy community, **promoting the use of renewable energy** and reducing energy costs for merchants. This project aims not only to revitalize the area, but also to promote environmental sustainability and energy self-sufficiency, contributing to the **economic and social well-being of the community**.

3. Territorial Spillovers

The redevelopment project aims to **recover areas in a state of neglect** with the **goal of creating new economic and social opportunities**, thus countering the depopulation of the country's inland areas. Through targeted interventions, it aims to revitalize these areas by improving infrastructure and **encouraging the establishment of new commercial and residential activities**. This approach aims to **improve the quality** of life of residents by making inland areas more attractive to new residents and investors, thus contributing to sustainable and lasting revitalization.

In addition, the creation of a business hub could **attract investors and new entrepreneurs**, eager to settle in a growing area. This would lead to the **creation of new jobs, helping to reduce local unemployment and further stimulate the economy**. The municipality is committed to ensuring that the redevelopment project is **sustainable and environmentally friendly**, integrating green spaces and innovative resource management solutions. In sum, the redevelopment of the abandoned commercial area is a key step for the future of the municipality, **promoting harmonious and inclusive economic and social development**.

Public Industrial Energy Community - San Potito Sannitico

Current Partners

Comune di San Potito Sannitico

Consorzio per l'Area di Sviluppo Industriale di Caserta

03

Water based Energy and Wellness Community - Cassano Irpino

Suggested Sub. Programme: Nature and Biodiversity

Cassano Irpino is a small municipality of 975 inhabitants in the rural area of **province of Avellino**.

This village is renowned for its abundant **water resources**, which are a defining feature of the town. It is home to several **natural springs**, including the significant **Peschiera Spring**, which supplies drinking water to much of the Campania region. The town's water is famed for its purity and quality, making it a **vital resource for both locals and the surrounding areas.**

The **picturesque landscapes and historical sites**, such as the medieval castle and ancient churches, add to Cassano Irpino charm, making it a unique blend of natural beauty and cultural heritage.

Water based Energy and Wellness Community - Cassano Irpino

The **Water-Based Energy Community** project in Cassano Irpino is designed to **address pressing environmental challenges** while **fostering community involvement**.

The central objectives of this initiative are to **restore local ecosystems** and **halt the loss of biodiversity**.
At the same time, the project is committed to advancing sustainable energy solutions that benefit both the environment and the community.

To achieve these goals, the planned several key interventions are:

1. **Rigeneration of Center and creation of a "Water Path"**;
2. **Wellness center and revitalization of the Historical Road "Cupa Romana"**;
3. **Creation of a Biolake and construction of a Hydroelectric Plant**.

Water based Energy and Wellness Community - Cassano Irpino

1. Rigeneration of Center and creation of a “Water Path”

Two projects for urban **redevelopment** aimed at addressing hydrogeological instability have been planned and funded. These projects will create public green areas with staircases linking the historic center to the natural swimming pond.

The natural swimming pond will be located near a **wellness center**, which is already funded and under construction. This center will allow people to enjoy services in complete **synergy with the ecosystem created in the biolake**..

Water based Energy and Wellness Community - Cassano Irpino

2. Wellness center and revitalization of the Historical Road “Cupa Romana”

The connection between the natural swimming pond and the hydroelectric plant is ensured by the redevelopment of an ancient Roman road called “**Cupa Romana**”, for which the design has already been completed.

The road will therefore be an active part of the **water path**.

Near the hydroelectric plant is a **public sports center**, which is also already funded for redevelopment. The facility will be linked to the rest of the water pathway.

Water based Energy and Wellness Community - Cassano Irpino

3. Creation of a Biolake and construction of a Hydroelectric Plant

The project involves creating a **natural swimming pond** that integrates seamlessly with the environment, offering an eco-friendly and sustainable bathing experience. With a variable surface area and a depth of **1.5-2.5 meters**, it will be divided into a bathing area and a regeneration zone.

The latter wil feature aquatic plants for phytoremediation, maintaining water quality without chemicals. The system will include **biological and mechanical filtration with low-energy pumps**. Natural materials and biodiversity will enhance aesthetic and ecological integration. Minimal maintenance, including plant pruning and filter cleaning, will ensure clean, safe water, complementing facilities like the wellness center and hydroelectric plant.

Water based Energy and Wellness Community - Cassano Irpino

A **100 kW** hydroelectric plant will be developed, utilizing natural flow from the Cassano spring to the Calore River. This plant will supply energy to the village renewable community, which already benefits from two **geothermal plants at the municipal pool and a school**. The plant includes a turbine and generator system designed for high efficiency and low maintenance. Water will be diverted through a channel to the turbine, which will convert kinetic energy into electrical power. The plant will operate without large reservoirs, relying on the steady, natural flow of the river.

Water based Energy and Wellness Community - Cassano Irpino

Current Partners

Comune di
Cassano Irpino

UNIVERSITÀ DEGLI STUDI
DEL SANNIO Benevento

acquedotto
pugliese
l'acqua, bene comune

LEGAMBIENTE

04

Smart Community MicroGrid - Sessa Cilento & Perdifumo

Suggested Sub. Programme: Clean Energy Transition

The municipalities of **Sessa Cilento** and **Perdifumo** are two small communities in the province of Salerno with a population of 1150 and 1800.

The uniqueness of these two realities lies in the fact that they are the **owners of the electrical distribution network** so they turns out to be the territorial DSO. In practice, municipal centers are also the resellers of electricity to interested citizens.

This situation has caused a **slowdown in the development and modernization of the entire network**: for example citizens currently have old generation electromechanical type meters in their homes.

At the same time, however, the **context is ideal for the implementation of new network monitoring and management techniques**, as well as for the introduction of smart systems in domestic and non-domestic utilities.

Smart Community MicroGrid - Sessa Cilento and Perdifumo

The **Smart Community MicroGrid** project aims to transform the energy landscape in Sessa Cilento and Perdifumo by developing a state-of-the-art electricity distribution network. This initiative will involve all local stakeholders, including energy producers and consumers, to create a more resilient and efficient energy system.

The planned Interventions are:

1. **Smart Grid**, implementing a smart electricity distribution network that connects local producers and consumers
2. **Photovoltaic System**, offering clean energy for residents, enhancing local quality of life
3. **Renewable Energy Community**, establishing an energy community involving local farmers to promote sustainable energy use.

Smart Community MicroGrid - Sessa Cilento & Perdifumo

1. Micro Smart Grid

The project idea is to centralize the distinguishing feature of the two municipalities by trying to redesign this uniqueness in a modern way. One could envision the creation of an intelligent electrical distribution network that would allow, on an instant-by-instant basis, to optimize energy flows and better manage grid losses.

This type of approach could enable the introduction of tools, technologies and new management models involving an experimental approach.

The key to success of such an approach will certainly be the involvement of all actors, both producers and consumers, present locally.

Energy Efficiency: Smart grids optimize energy distribution, reducing losses and improving overall system efficiency. This results in a more rational use of energy resources, helping to reduce consumption and, consequently, operating costs for the municipality.

Renewable energy integration: Smart grids facilitate the integration of renewable energy sources, such as solar and wind, by balancing variable generation and storing energy at times of low demand for use when needed. This not only promotes environmental sustainability, but also makes the energy system more resilient and less dependent on fossil fuels.

Cost reduction: The adoption of smart grids reduces the costs associated with grid operation and maintenance. With advanced monitoring and control systems, outages can be prevented and maintenance operations can be optimized, thus reducing expenses for the municipality and, potentially, citizens.

Improved service quality: Smart grids improve energy service quality by facilitating the rapid detection and resolution of faults, reducing outage times, and ensuring a more stable and reliable energy supply. This is especially important for critical infrastructure and the welfare of citizens.

Active citizen participation: Smart grids turn consumers into prosumers (producer-consumers), enabling them to monitor and manage their energy consumption in real time. This active involvement not only increases energy awareness, but also incentivizes more sustainable and responsible behavior by citizens.

Smart Community MicroGrid - Sessa Cilento & Perdifumo

2. Photovoltaic System

The integration of **renewable energy sources** (RES) into degraded or partially abandoned municipal areas represents a significant opportunity for land enhancement and the promotion of sustainability. These often neglected areas can be transformed into energy resources through the installation of solar, wind, and other renewable technologies. A practical example is the redevelopment of existing ecological islands, which can be upgraded to become energy production centers, thus contributing to the aesthetic and functional improvement of the area.

The implementation of a smart grid in this context allows for the integration of existing and future distributed generation systems, involving both the public and private sectors. This approach not only increases local energy supply, but also helps combat energy poverty by reducing dependence on external sources of supply. Smart grids enable efficient energy monitoring and management, optimizing consumption and reducing waste.

In addition, the integration of RES in degraded areas can stimulate local economic development, creating jobs and promoting technological innovation. This process of urban regeneration not only improves the quality of life for residents, but also strengthens the energy resilience of the community.

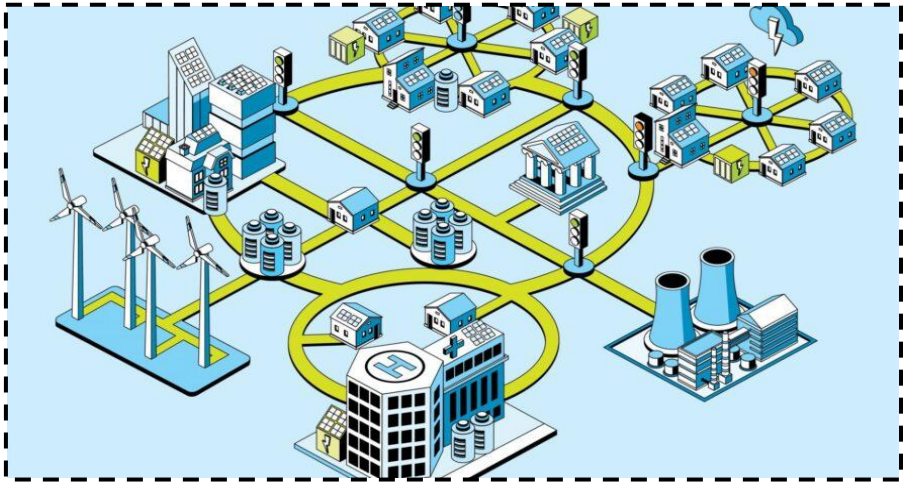
Reducing **greenhouse gas emissions** and increasing energy self-sufficiency are additional benefits of adopting these sustainable technologies.

In summary, the enhancement of blighted areas through renewable energy generation and the use of smart grids is an effective strategy to promote environmental sustainability, improve the local economy, and provide communities with a more secure and independent energy future.

Smart Community MicroGrid - Sessa Cilento & Perdifumo

3. Renewable Energy Community

The creation of an energy community in the sensitive context described above offers a unique opportunity to generate economic benefits and improve the management of energy resources. This initiative makes it possible to develop an energy management model that not only optimizes the use of available resources, but is also perfectly tailored to the specific needs of the community itself. Through active citizen participation, the energy community becomes a dynamic entity capable of making informed and shared decisions, ensuring targeted and contextualized interventions.



From an economic perspective, the energy community can significantly reduce energy costs for its members. By producing and sharing renewable energy, participants can benefit from lower tariffs and greater control over their consumption. In addition, the community can access specific incentives and funding for sustainable energy projects, further increasing overall financial savings. This model not only promotes energy self-sufficiency, but also creates a virtuous circle of local investment that stimulates the local economy.

In terms of management and optimization, the energy community makes it possible to limit energy waste through the use of advanced technologies such as smart grids. These technologies enable continuous monitoring and intelligent management of energy supply and demand, ensuring efficient use of resources. In addition, the ability to store excess energy and distribute it when needed reduces dependence on external sources and improves community energy resilience.

Another key aspect is the active involvement of citizens. The energy community promotes the participation of individuals in decisions regarding energy management, creating a sense of shared ownership and responsibility. This direct involvement not only increases citizens' energy awareness but also encourages them to adopt more sustainable behaviors. The active participation of citizens in the decision-making stages of the digital evolution path enables technological solutions to be tailored to the real needs of the community, ensuring that interventions are effective and accepted by all.

In summary, the implementation of an energy community in a sensitive context makes a significant contribution in both economic and resource management terms. Through a participatory and targeted approach, the community can optimize the use of energy resources, reduce waste, and promote a sustainable development model that actively involves citizens, improving the quality of life and energy resilience of the area.

Smart Community MicroGrid - Sessa Cilento and Perdifumo

Current Partners

Comune di
Sessa Cilento

Comune di
Perdifumo

UNIVERSITÀ
DEGLI STUDI
DI SALERNO

05

Biogas with hazelnuts - Valle di Lauro

Suggested Sub. Programme: Circular economy and quality of life

Biogas with hazelnuts involves **3 Municipalities** in the Avellino province, specifically in the "**Valle di Lauro**": **Marzano di Nola**, **Domicella** and **Pago del Vallo di Lauro**.

This area is characterized by its **rich agricultural heritage**, particularly in hazelnut cultivation, making it an ideal location for an initiative that seeks to leverage agricultural waste for sustainable energy production. The local community's strong connection to the land and commitment to sustainable practices creates a fertile ground for a project that integrates energy production with agricultural development, aligning with regional goals of environmental stewardship and economic resilience.

Biogas with hazelnuts - Valle di Lauro

The **Biogas with Hazelnuts** project aims to harness the waste from hazelnut processing and tree pruning to fuel a biogas power plant. This plant will generate both **electricity** and **thermal energy**, which will be provided to the local energy community. By turning agricultural byproducts into valuable energy resources, the project not only reduces environmental impact but also supports the community's **economic and agricultural development**.

The planned Interventions are:

1. **Biogas Power Plant Construction,** utilizing hazelnut processing waste and tree prunings
2. **Electricity Supply to the Community,** fostering energy independence and promoting sustainable development
3. **Thermal Energy for Solar Greenhouses,** supporting agricultural productivity and diversification

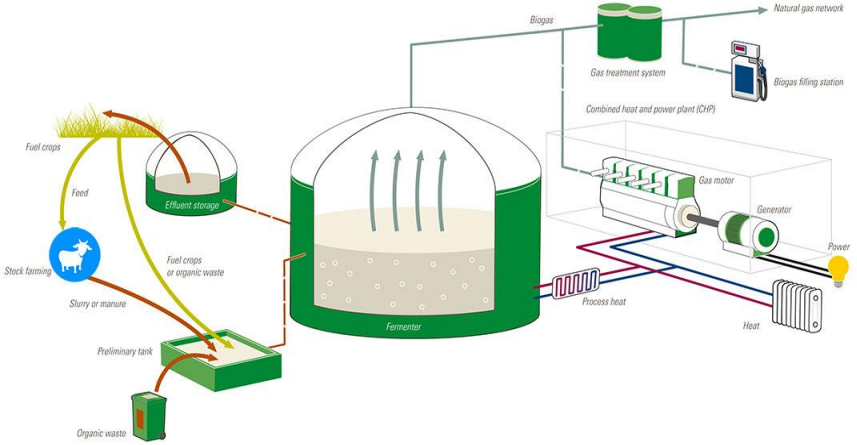
Biogas with hazelnuts - Valle di Lauro

1. Biogas Plant

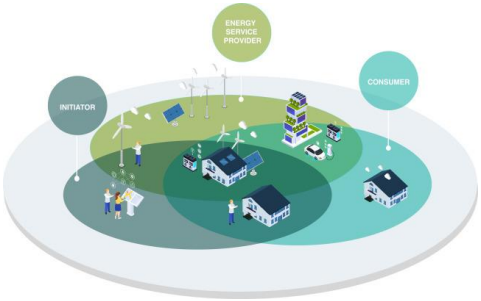
The project idea focuses on using waste from hazelnut processing and tree pruning to power a **biogas power plant**. This power plant will serve the local energy community by offering **sustainable use of agricultural resources**.

The plant will produce **electricity and thermal energy**, both of which will be available to the community, reducing dependence on traditional energy sources and decreasing environmental impact.

The electricity will be able to power local homes and businesses, while the thermal energy will be used for heating. This intervention not only promotes environmental sustainability, but also strengthens the local economy by creating a **virtuous cycle** of using available resources.



Biogas with hazelnuts - Valle di Lauro



2. Electrical Energy

Under the project, electricity generated by the biogas plant, which is fueled by waste from hazelnut processing and tree pruning, will be made available to the local energy community. This will enable community members to benefit from a sustainable and renewable source of energy, reducing dependence on traditional sources and contributing to greater energy self-sufficiency. The electricity will be used to power homes, public infrastructure and businesses, promoting a sustainable economic and environmental development model.

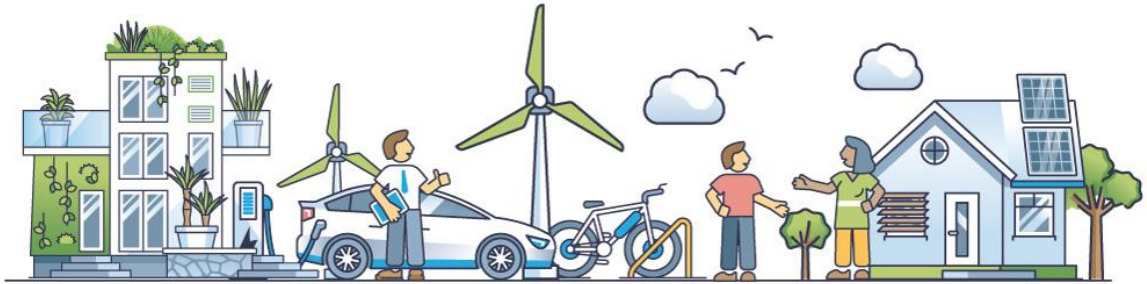
3. Thermal energy

The thermal energy produced by the plant will be used for the construction of solar greenhouses. These greenhouses will be essential for the preservation and cultivation of hazelnut plants and other plantations in the area. The use of thermal energy will maintain optimal climatic conditions inside the greenhouses, promoting plant growth and extending the growing seasons. This approach not only improves agricultural productivity but also contributes to local crop diversification, supporting the area's agricultural economy and promoting sustainable agricultural practices. In sum, the project integrates energy production with agricultural development, creating a virtuous and resilient system.

Biogas with hazelnuts - Valle di Lauro

The hazelnut processing waste valorization project represents an important opportunity to revitalize the hazelnut market, which has suffered a decline in demand in recent years. Through the creation of a biogas plant, waste, usually considered waste, will be transformed into a valuable energy resource. This approach not only reduces the environmental costs associated with disposal, but also enhances the value of an agricultural by-product by generating electricity and heat for the local energy community.
The electricity produced will be made available to the community, helping to reduce dependence on traditional energy sources and making a significant contribution to the fight against energy poverty. Thermal energy, on the other hand, will be used to power solar greenhouses dedicated to preserving and growing hazelnut and other local plantations, improving agricultural productivity.
This project will create new job opportunities within the community, both directly through the operation of the power plant and greenhouses, and indirectly through the induced employment that will result. In addition, the development of a circular economy process will make the economic and social fabric of the community stronger and more resilient. The valorization of agricultural waste will also stimulate the interest of new investors, who will be attracted by the project's sustainability and innovation, fostering the establishment of new businesses.

In sum, the project not only addresses current environmental and economic challenges but also lays the foundation for long-term sustainable development, demonstrating how collaboration between agriculture and technology can lead to a greener and more prosperous future.



Biogas with hazelnuts - Valle di Lauro

Current Local Partners

Comune di Marzano di Nola

Comune di Domicella

Comune di Pago Del Valle di Lauro

Provincia di Avellino

Ordine degli Ingegneri di Avellino

Biogas with hazelnuts - Valle di Lauro

Current National and European Partners

06

Green Community - Amalfi Coast

Suggested Sub. Programme: Circular economy and quality of life

Green Community Amalfi Coast involves **5 Municipalities** on the Tyrrhenian coast, a **UNESCO World Heritage Site**: **Agerola, Amalfi, Praiano, Ravello e Scala**. The Amalfi Coast is renowned for its **stunning cliffs, azure waters, and charming villages:** this region combines natural beauty with rich history and vibrant local culture, making it a coveted destination for travelers from around the globe.

The towns along the Amalfi Coast are known for their unique charm and allure. **Amalfi**, with its historic maritime heritage, is famous for its stunning cathedral and bustling town center. **Ravello,** perched high above the sea, offers some of the most spectacular views and is celebrated for its beautiful gardens and cultural events. **Praiano** provides a more tranquil escape with its hidden coves and peaceful beaches, while **Agerola**, located on a plateau, is a paradise for hikers and nature enthusiasts. **Scala**, the oldest town in the region, exudes a timeless charm with its ancient architecture and serene atmosphere.

Green Community Amalfi Coast

The **Green Community** project aims to create a model for sustainable living and energy management across the **Amalfi Coast** region. By integrating innovative energy solutions, promoting sustainable practices, and enhancing local infrastructure, the project seeks to build a resilient and eco-friendly community.

The planned Interventions are:

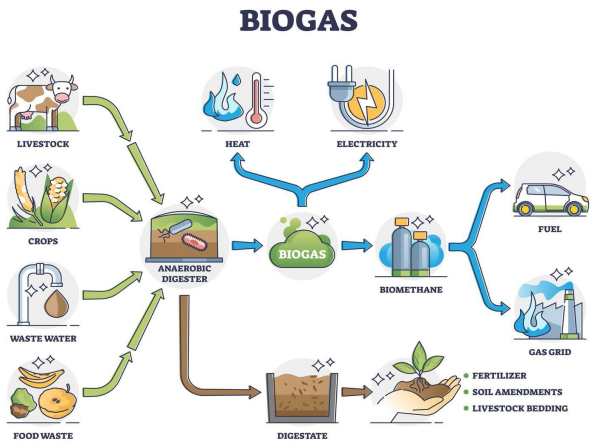
1. **Energy Community,** establishing a community-focused energy network to optimize and share renewable energy resources
2. **Biogas Plant in Agerola,** developing a biogas plant to convert organic waste into energy
3. **Trekking Trails,** enhancing and promoting the famous hiking trails to boost eco-tourism and environmental awareness
4. **Sustainable Land and Sea Mobility,** implementing solutions for eco-friendly transportation on land and sea to reduce the carbon footprint

1. Renewable Energy Community

At the center of the Green Community project there is the **energy community**: this community will not only coordinate efforts to improve energy efficiency, but also facilitate the integration of different local communities, promoting a unified approach to land resource management.
The main goal is to **enhance local resources,** bringing new value to the area without compromising the scenic beauty that makes this site of interest unique. The energy community will enable the development of innovative solutions for energy production and consumption, **reducing environmental impact** and **promoting sustainability**. This integrated approach will make it possible to preserve the natural environment while keeping its tourist appeal intact.

In addition, the aggregation of works will lead to the **emergence of new growth opportunities** in both business and tourism. The emphasis on sustainable tourism will attract visitors interested in authentic and environmentally friendly experiences, increasing the flow of tourists without overburdening local resources. Local businesses will benefit from the **increased demand for sustainable products and services**, stimulating the local economy and creating new jobs.
This project will not only improve operational efficiency and environmental sustainability, but also strengthen the social and economic fabric of the Amalfi Coast. Through collaboration between local communities and the sharing of resources, it will create a development model that will enhance the region's cultural and natural heritage while ensuring a prosperous and sustainable future for future generations.

2. Biogas Power Plant



The biogas plant solution does not disfigure the landscape, which is one of the drivers of tourism, because it can be easily located in inland areas not subject to landscape constraints. Biogas, in fact, turns out to be a renewable energy source with a higher energy density than others that can ensure greater consistency and continuity of production during all hours of the day. Conversely, however, to ensure proper operation requires a high influx of raw materials, of which the area is rich.

The area of interest is rich in dairy producers and, as a result, one of the main raw materials present is definitely milk processing waste and livestock effluent, which is commonly referred to as agro-processing waste. These materials, moreover, can be combined with organic fractions (FORSU) from the separate collection processes of the various municipalities involved. In this way, it is possible to obtain numerous benefits both from an environmental and economic point of view, generating, in fact, a gain for the entire community.

All this, moreover, could open a new communication model to sponsor dairy products that promote the sustainable use of the resources present, ensuring a concrete contribution to the wealth of the territory itself.

3. Trekking Trails

The Amalfi Coast Trail Enhancement intervention aims to **increase scenic tourism** by taking advantage of iconic routes such as the **Sentiero degli Dei**, which connects Agerola to Positano, offering breathtaking views of the Sorrento Peninsula and Capri. Other evocative routes include the **Valle delle Ferriere**, with its waterfalls and lush vegetation, and the Sentiero dei Limoni, which traverses the fragrant lemon groves between Ravello and Minori.

Through the creation of **digital shelters** capable of hosting walkers by providing internet connection, charging and interactive information services. Also including the installation of **smart signs** along the route, capable of actively guiding and supporting the walker to make the trek more interactive and complete

4. Sustainable Land and Sea Mobility

The intervention includes the replacement and integration of electric-powered means of transportation. These vehicles, designed both for travel on the mainland and to reach nearby islands, will help reduce the environmental impact of tourism, aligning with the European Green Deal goals for climate neutrality.

These types of interventions will not only improve the accessibility and sustainability of mobility in the region, but will also attract new investors and encourage the establishment of sustainable tourism-related businesses. This will help strengthen the local economic fabric, providing new job opportunities and promoting a development model that respects and enhances the natural and cultural heritage of the Amalfi Coast.

Green Community Amalfi Coast

Current Partners

Comune di Praiano

Comune di Amalfi

Comune di Ravello

Comune di Scala

Comune di Agerola

Parco Regionale dei Monti Lattari terra d'amare

Why Koala?

KOALA is an innovative start-up operating in the Digital Energy sector, a vertical on Energy Sharing, which is committed to simplifying energy, making it accessible to all, with the aim of generating a new economy based on a more democratic and participatory energy sector .

KOALA therefore wants to make tools available to citizens that allow them to gain awareness and control of their energy condition and then improve it in a virtuous manner, with positive consequences for themselves, for the community and for the environment. All this through the development of digital platforms and the implementation of territorial projects that can enhance green community economies

Team

Emmanuele Maria Petruzziello
Chief Executive Officer

Massimo Capaldo
Chief Financial Officer

Harpreet Sohal
Chief Technology Officer

Ezgi Efe
Software Developer

Akram Mohammad
PhD Research

Giuseppe Ferrara
Project Engineer

Elvira Pettorossi
Sales Technical Engineer

Pasquale Tirino
Energy Data Analyst

Ilenia Perugini
Energy Data Analyst

Antonio Urciuolo
Legal Advisor

KOALA
Share the Energy

Web-site	www.koalacompany.it
Reg. Office	Via delle Puglie 47, Benevento (BN), 82100
Cell.	+39 388 828 6297
E-mail	amministrazione@koalacompany.it
VAT N.	01830370621